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08/798,703

| SERIAL NUMBER | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. |
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08/798,703 02/12/97 HICKMAN

F ~~EXAMINER~~ 0A

LM21/1223

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ART UNIT PAPER NUMBER

LE, D #10

DATE MAILED:

This is a communication from the examiner in charge of your application.
COMMISSIONER OF PATENTS AND TRADEMARKS

12/23/99

☒ This application has been examined ☒ Responsive to communication filed on 08/69/99 ☒ This action is made final.
A shortened statutory period for response to this action is set to expire THREE (3) month(s), zero days from the date of this letter.
Failure to respond within the period for response will cause the application to become abandoned, 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

1. ☐ Notice of References Cited by Examiner, PTO-892.
2. ☐ Notice of Draftsman's Patent Drawing Review, PTO-948.
3. ☐ Notice of Art Cited by Applicant, PTO-1449.
4. ☐ Notice of Informal Patent Application, PTO-152.
5. ☐ Information on How to Effect Drawing Changes, PTO-1474.
6. ☐

Part II SUMMARY OF ACTION

1. ☒ Claims 1-20 are pending in the application.
Of the above, claims _____ are withdrawn from consideration.
2. ☐ Claims _____ have been cancelled.
3. ☐ Claims _____ are allowed.
4. ☒ Claims 1-20 are rejected.
5. ☐ Claims _____ are objected to.
6. ☐ Claims _____ are subject to restriction or election requirement.
7. ☒ This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.
8. ☐ Formal drawings are required in response to this Office action.
9. ☐ The corrected or substitute drawings have been received on _____. Under 37 C.F.R. 1.84 these drawings are ☐ acceptable; ☐ not acceptable (see explanation or Notice of Draftsman's Patent Drawing Review, PTO-948).
10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on _____, has (have) been ☐ approved by the examiner; ☐ disapproved by the examiner (see explanation).
11. ☐ The proposed drawing correction, filed _____, has been ☐ approved; ☐ disapproved (see explanation).
12. ☐ Acknowledgement is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received ☐ not been received ☐ been filed in parent application, serial no. _____; filed on _____.
13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
14. ☐ Other

EXAMINER'S ACTION

Art Unit: 2785

1. This Office Action is in response to the amendment filed August 09, 1999 in application 08/798,703.
2. Claims 1-19 are again presented for examination and claim 20 has been added.
3. The cross reference related to the application cited in the specification must be updated (i.e. on page 1, line 14, the Attorney Docket Number for this applications should be changed to U.S. Patent Application Serial Number).
4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
5. Claims 1-20 are again rejected under 35 U.S.C. 103(a) as being unpatentable over Konrad (US Patent 5,696,901) in view of Blumer et al. (US Patent 5,732,219 hereafter referred to as Blumer).

This rejection is being applied for the same reasons set forth in the previous Office Action paper number 4, paragraphs 8-9 mailed June 23, 1998.

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As per claims 1-19, see the previous office action for the detailed teaching of Konrad and Blumer as well as the reason and motivation for combined.

As per claim 20, see claim 1 in the previous office action.

6. Applicant's arguments filed August 09, 1999 have been fully considered but they are not deemed to be persuasive.

Applicant repeatedly asserts that Konrad and Blumer fail to teach or suggest the following:

a. "a client computer ... capable of running a client program... that is delivered over said network".

b. Downloading the client program from a host to the client.

c. Detecting changes in said image outputs of said host computer and transmitting image updates corresponding to said changes to said client computer for use by said client program.

d. Controlling said host computer with said client computer over said network, such that said input device events of said client computer can be acted upon by said host computer.

Examiner respectfully traverses Applicant's remarks for the following reasons:

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a. It is not true that Konrad and Blumer fail to teach or suggest "a client computer ... capable of running a client program... that is delivered over said network". As stated in the previous office action:

Konrad substantially teaches the invention. Konrad teaches:

- a network [fig. 1, col. 25, lines 8-10];
- a client computer connected to a network [col. 25, line 7 and line 30] comprising:

- a monitor [col. 17, line 5];

- keyboard [col. 17, line 4];

- a host computer connected to a network [col. 25, line 6] comprising:

- image transmitting means [col. 15, lines 27-30].

Konrad does not explicitly teach:

- a browser program run on the client and host computers.

However, Konrad does disclose capability of:

- a desired utility client and a desired utility server run on the host and client computers [fig. 1, col. 25, lines 11-38].

Blumer explicitly discloses:

- a client/server computer system [col. 37, lines 2-5].

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- a web browser program running on the client/server computer system [col. 10, lines 21-32].

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the client/host systems having a human interface service

[col. 12, lines 38-43] as disclosed by Konrad to include explicitly the web browser) as taught by Blumer in supporting the overall system communication access between remote user and the main host computer (i.e., data base server, other data computer system).

This modification would have been obvious because a person having ordinary skill in the art would have been motivated to do so to provide the client/server computer system with a mechanism to enhance the system access, more specifically in allowing the remote computer or client to access the host computer to conducting task specific.

b. Blumer explicitly discloses:

- a client/server computer system [col. 37, lines 2-5].
- a web browser program running on the client/server computer system [col. 10, lines 21-32].

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c. Konrad explicitly teaches:

Detecting changes in said image outputs of said host computer and transmitting image updates corresponding to said changes to said client computer for use by said client program [col.4, lines 29-37 and col.25, lines 15+]; In addition, [see Blumer, col.6, lines 43-55].

D. It is not true that Konrad and Blumer fail to teach or suggest Controlling said host computer with said client computer over said network, such that said input device events of said client computer can be acted upon by said host computer.

Konrad explicitly teaches the use of an Internet protocol suite for the network [col. 7, lines 65-67];

- a network [fig. 1, col. 25, lines 8-10];
- a client computer connected to a network [col. 25, line 7 and line 30] comprising:

- a monitor [col. 17, line 5];

- keyboard [col. 17, line 4];

- a host computer connected to a network [col. 25, line 6] comprising:

- image transmitting means [col. 15, lines 27-30].

- displaying visual data via user interface service [col.. 9, lines 29-40].

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Blumer explicitly discloses:

- a client/server computer system [col. 37, lines 2-5].
- a web browser program running on the client/server computer system [col. 10, lines 21-32].

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 C.F.R. § 1.136(a).

A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE DATE OF THIS ACTION. IN THE EVENT A FIRST RESPONSE IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE PURSUANT TO 37 C.F.R. § 1.136(a) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT WILL THE STATUTORY PERIOD FOR RESPONSE EXPIRE LATER THAN SIX MONTHS FROM THE DATE OF THIS FINAL ACTION.

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dieu-Minh Le whose telephone number is (703) 305-9408. The examiner can normally be reached on Monday-Thursday from 6:30 AM to 4:00 PM. The examiner can also be reached on alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Beausoliel, can

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be reached on (703)305-9713. The fax phone number for this Group is (703) 305-9724.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Any response to this final action should be mailed to:

Box AF

Commissioner of Patents and Trademarks
Washington, D.C. 20231


or faxed to:

(703) 308-9051, (for formal communications; please mark "EXPEDITED PROCEDURE")

Or:

(703) 305-3718 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).


DIEU-MINH THAI LE
PRIMARY EXAMINER
ART UNIT 2785

DML
December 22, 1999